Service Schematics



RM-313/RM-314

Introduction

IMPORTANT:

This document is intended for use by authorized NOKIA service centers only.

The purpose of this document is to provide further technical repair information for NOKIA mobile phones on Level 3/4 service activities. It contains additional information such as e.g. "Component finder". The "Signal overview" page gives a good and fast overview about the most important signals and voltages on board. Saving process time and improving the repair quality is the aim of this document. It is to be used additionally to the service manual and other training or service information such as Service Bulletins.

All measurements were made using following equipment:

"Service Schematics" was created with focus on customer care.

Nokia repair SW : Phoenix version 2007.20.9.28808

Oscilloscope : Fluke PM 3380A/B

Spectrum Analyzer : Advantest R3162 with an analog probe

RF-Generator / GSM Tester : Rhode & Schwarz CMU 200

Multimeter : Fluke 73 Series II

While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If the reader finds any errors, NOKIA shall be notified in writing.

Please send E-Mail to: <u>TrainingAndVendor.Development@nokia.com</u>

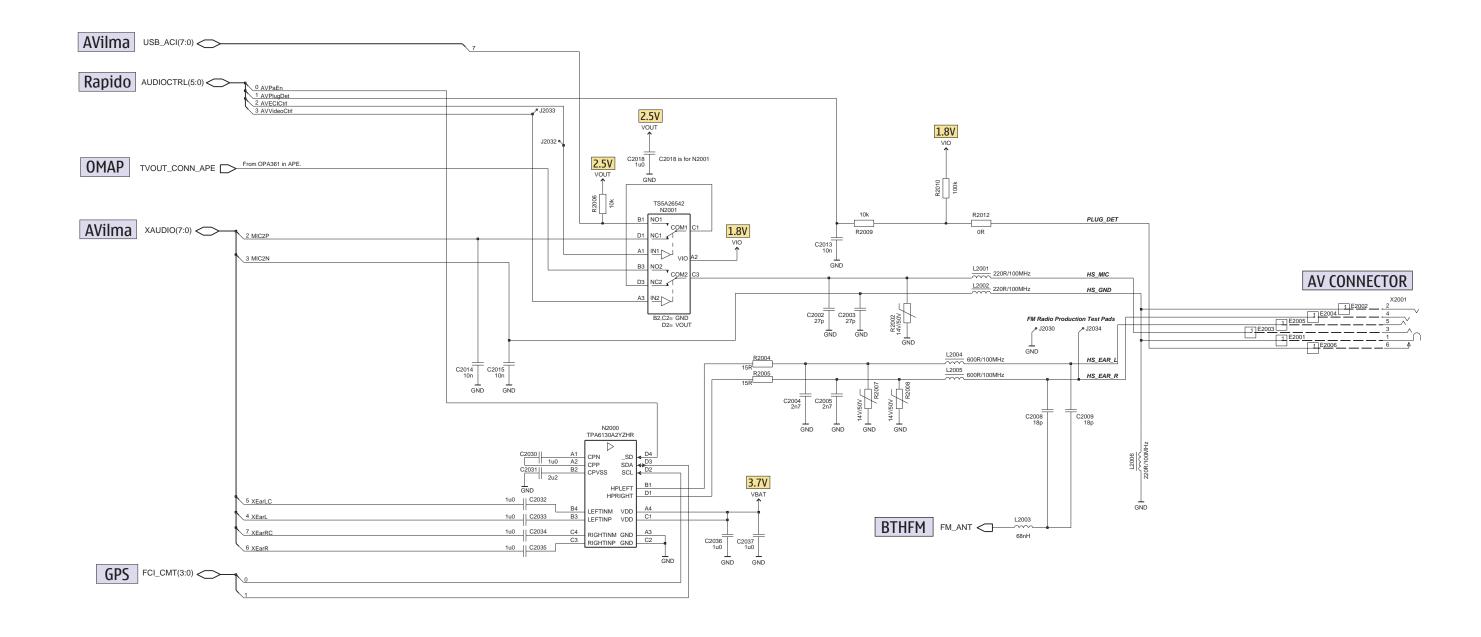


Table of Content	
Front page AV connector AVilma, Betty Rapido, Memories, GPS Menelaus, microSD OMAP Camera, HWA	1 2 3 4 5 6 7
WLAN, Bluetooth Display, Backlight, UI connector	8
UI PWB	10
RF part RM-313	11
RF part RM-314	12
Signal overview	13
Component finder RM-313	14
Component finder RM-314	15

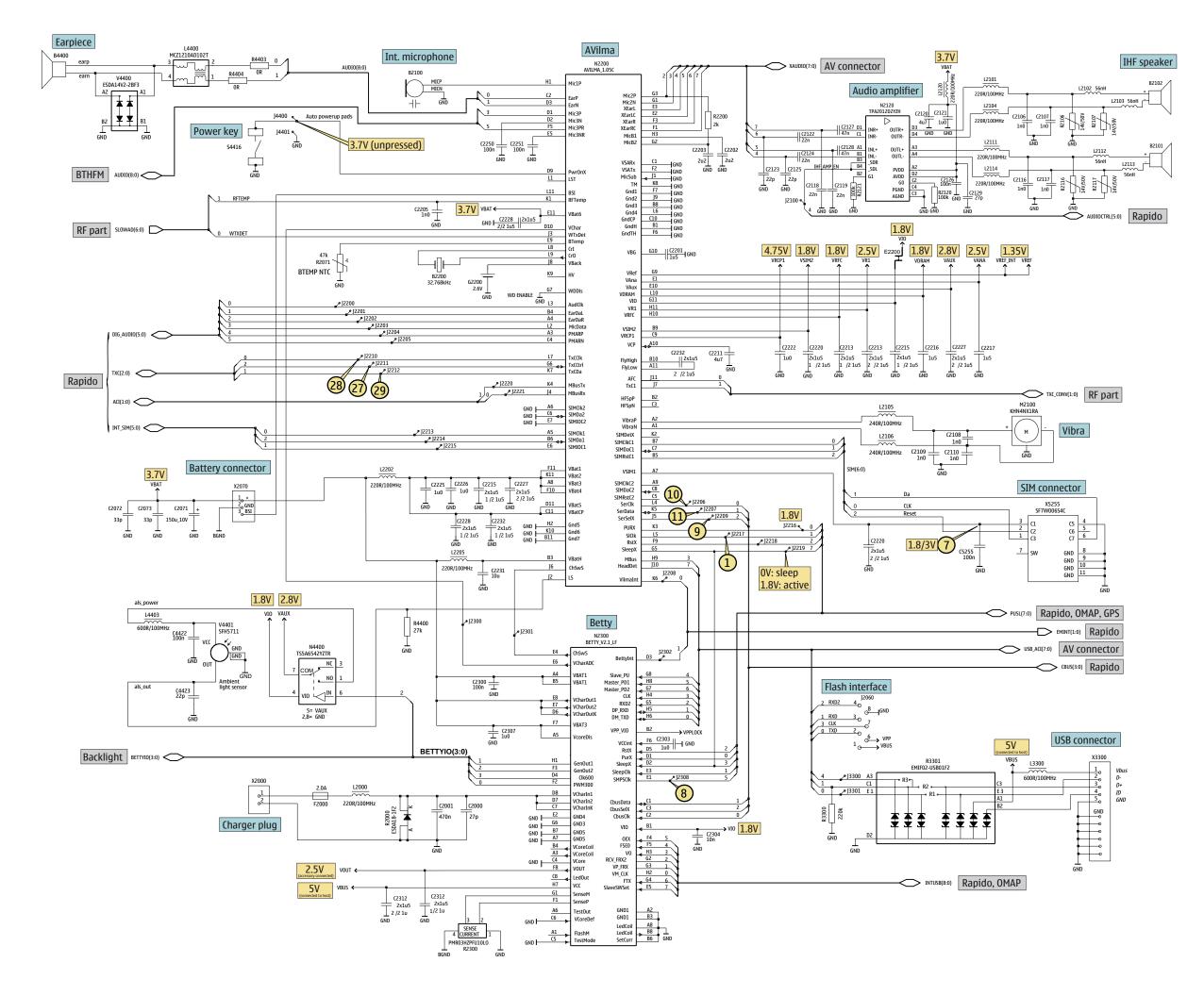
Copyright © NOKIA

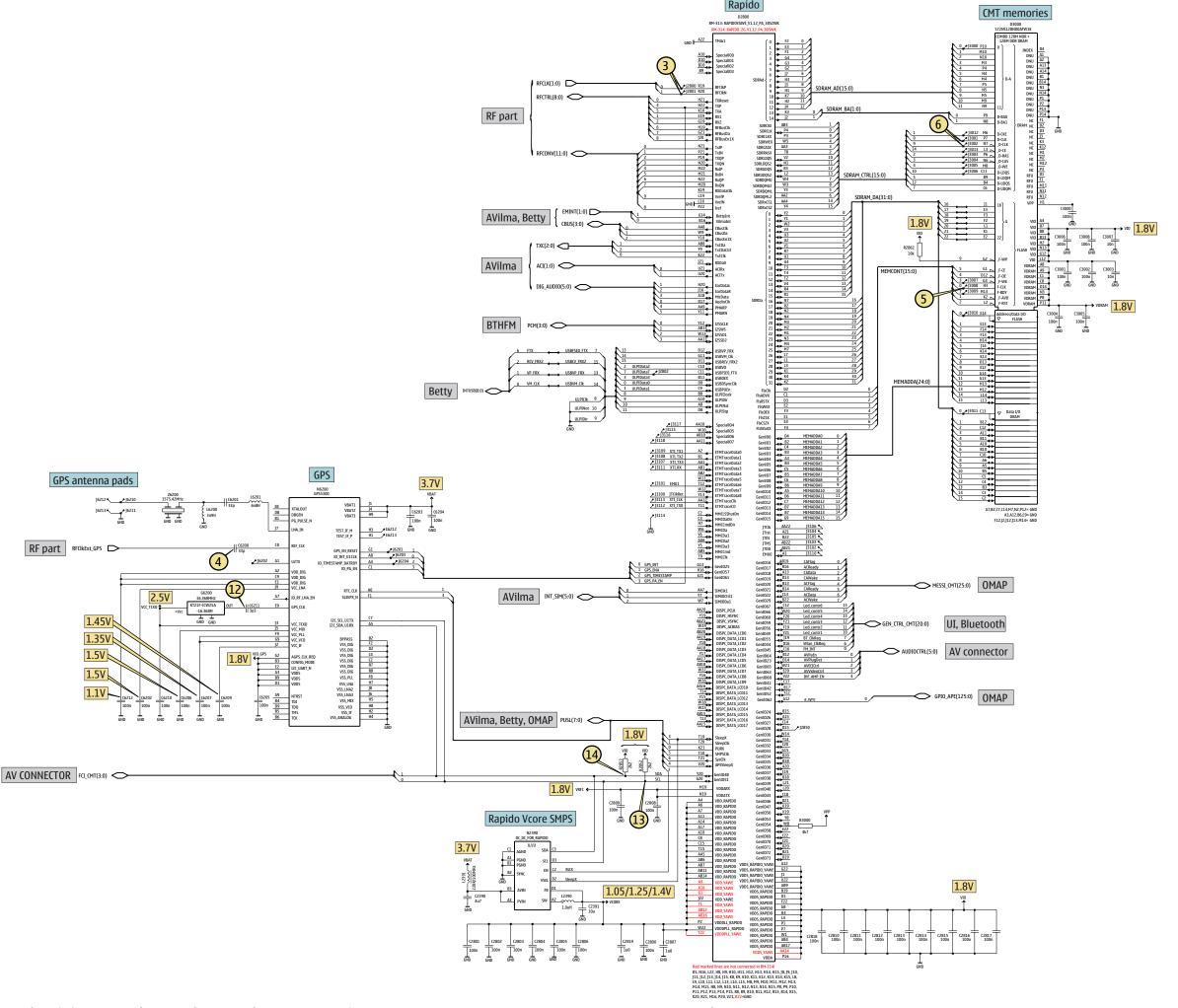
■ Board version: 2EY_31a

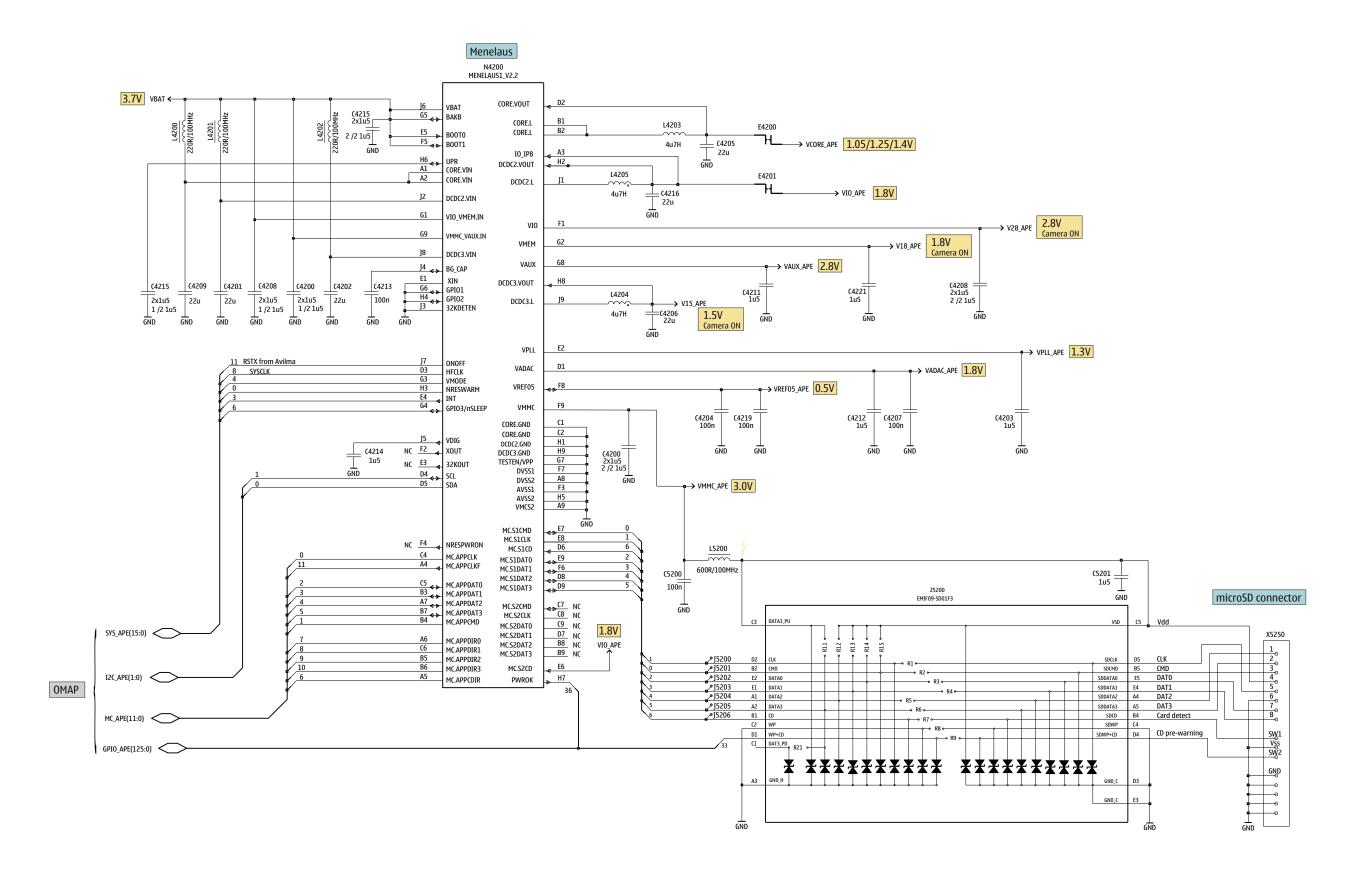
This material, including documentation and any related computer programs is protected by copyright, controlled by NOKIA. All rights are reserved. Copying, including reproducing, modifying, storing, adapting or translating any or all of this material requires the prior written consent of NOKIA. This material also contains companyconfidential information, which may not be disclosed to others without the prior written consent of NOKIA.

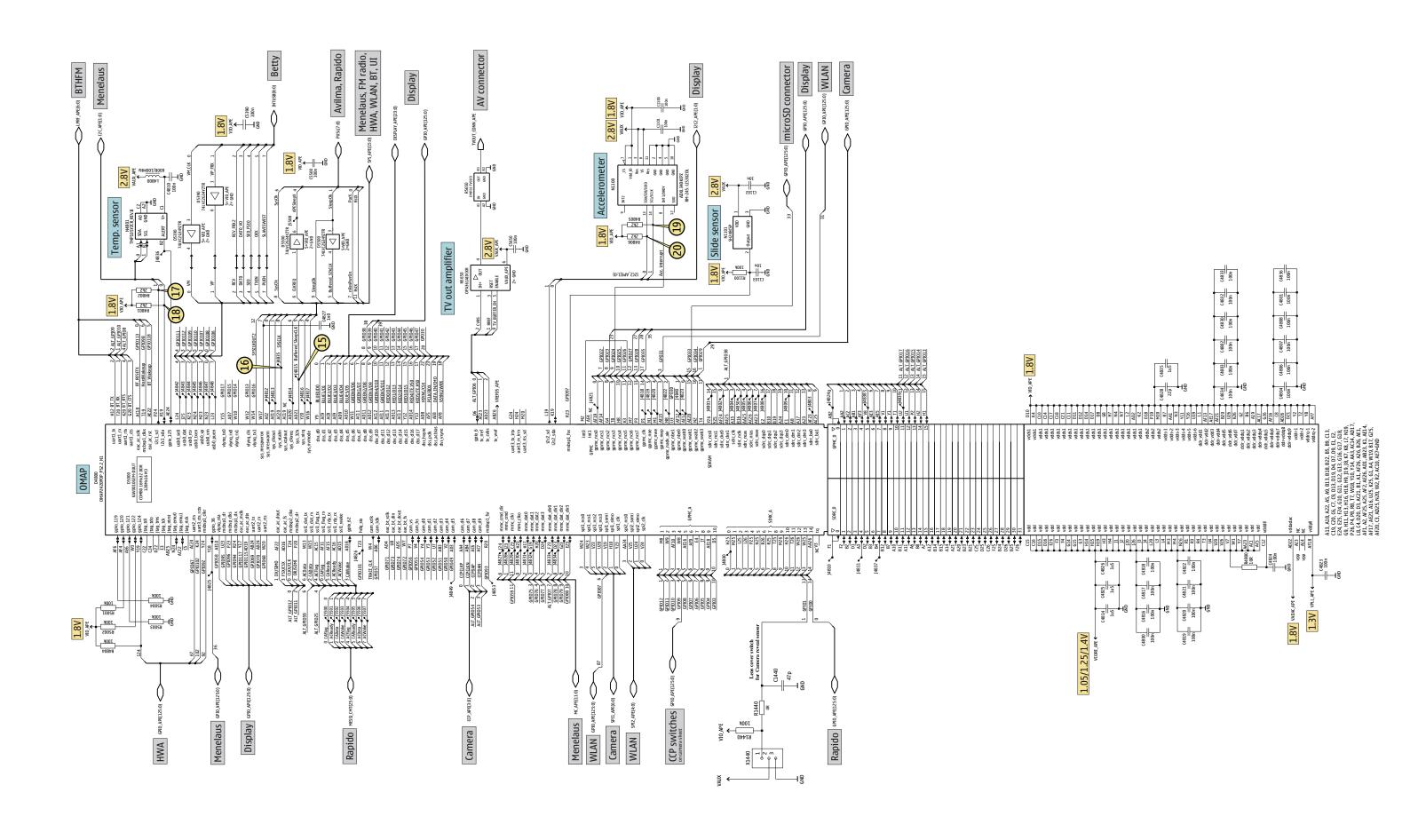


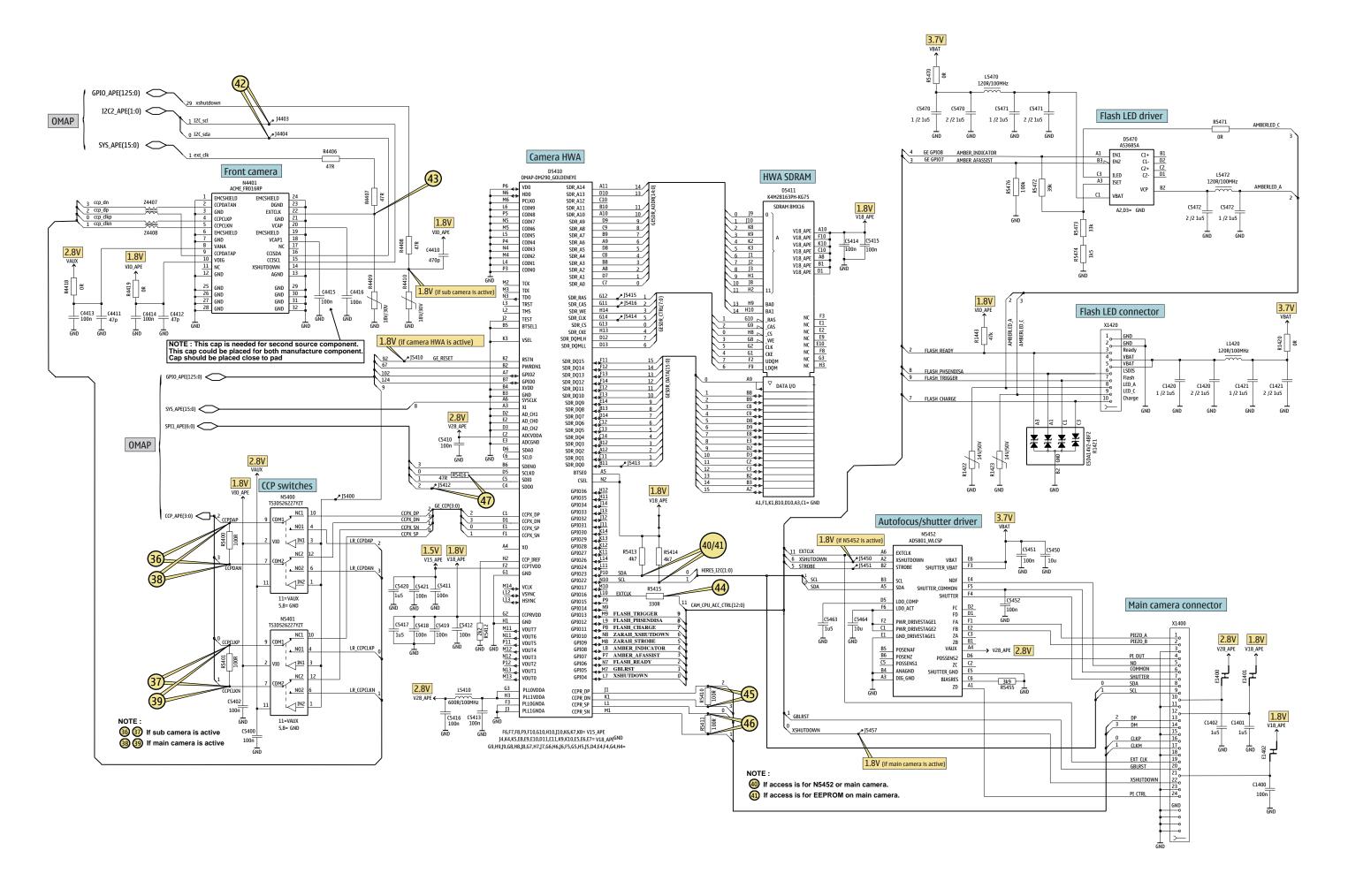
I Board version: 2EY_31a

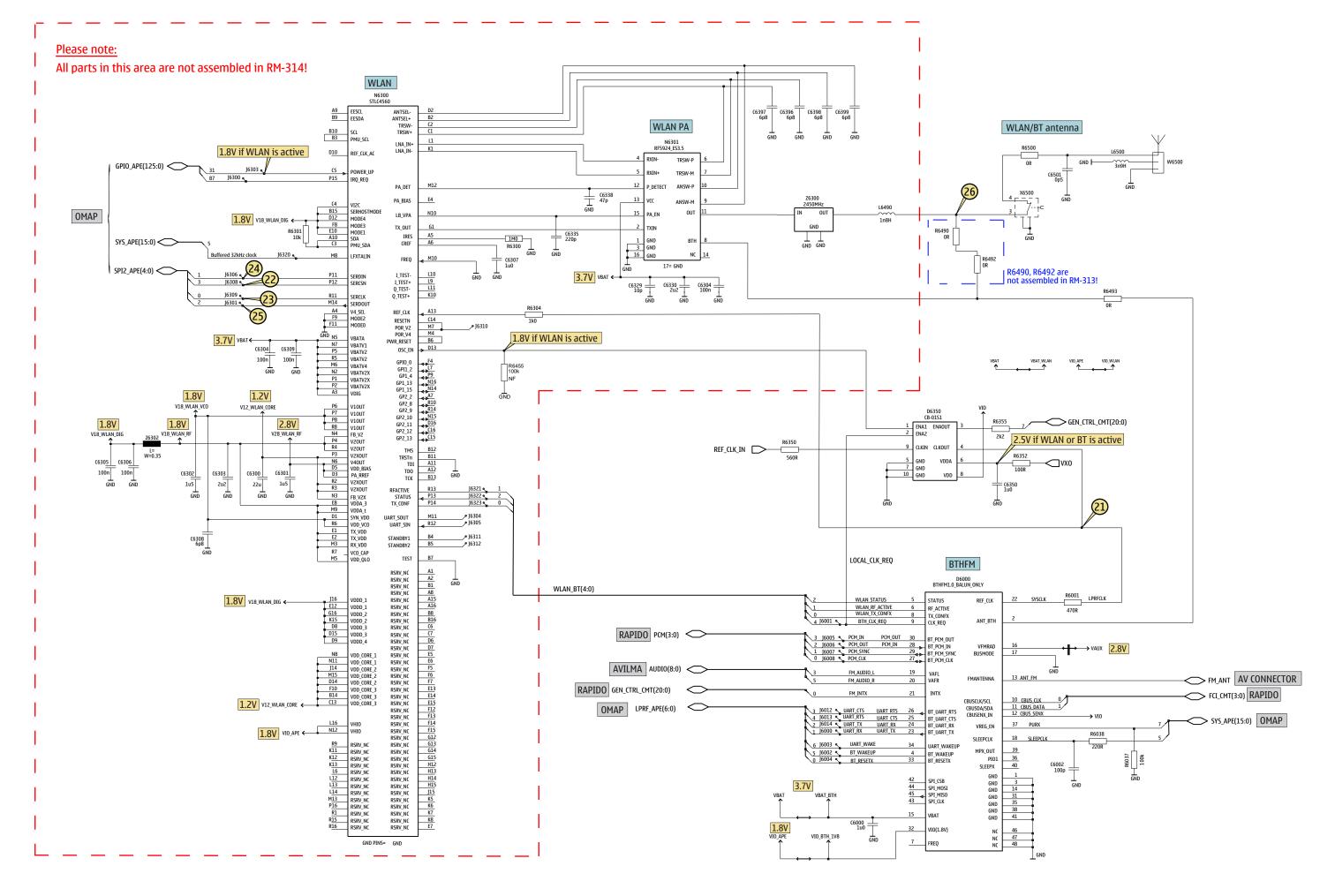


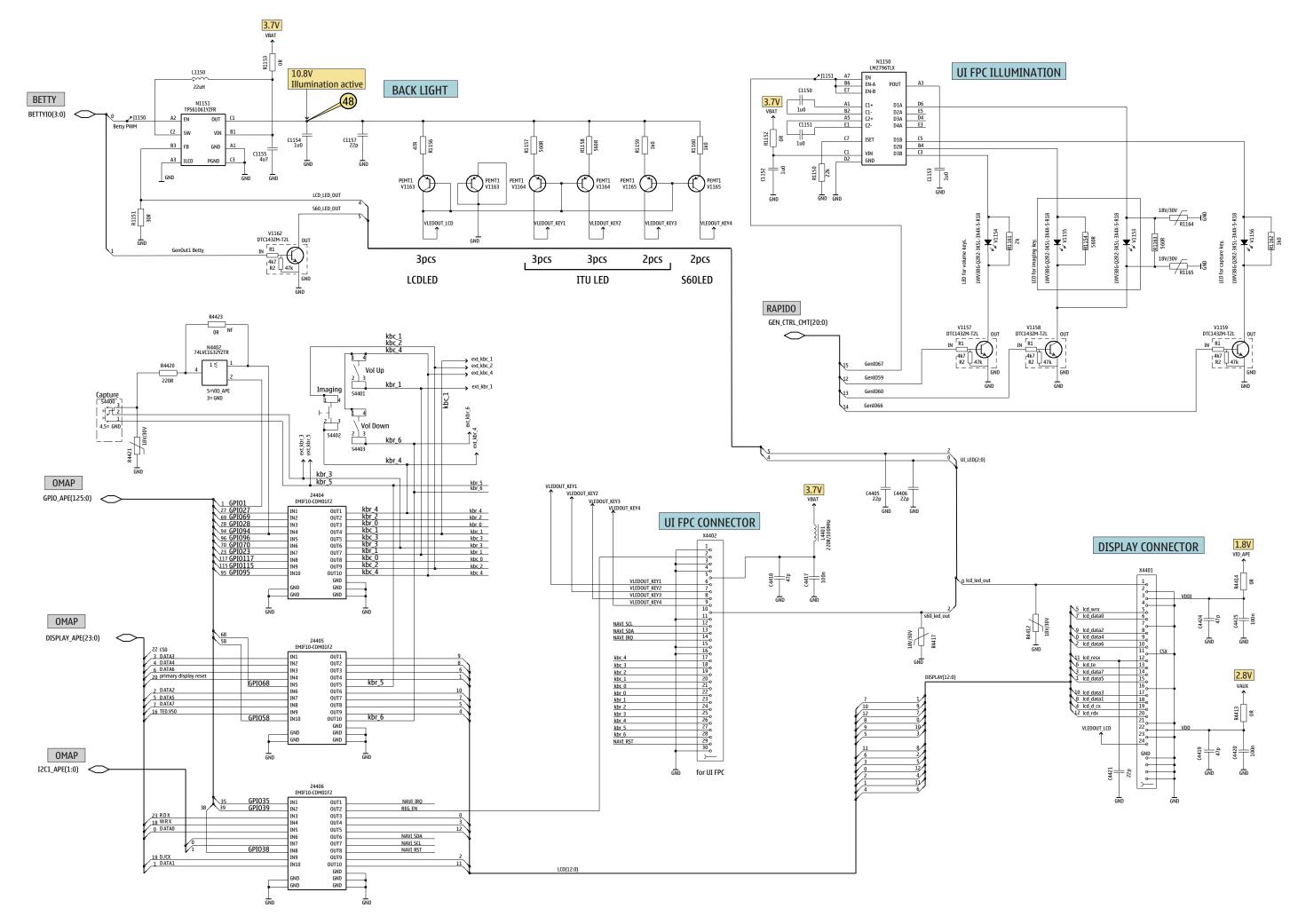


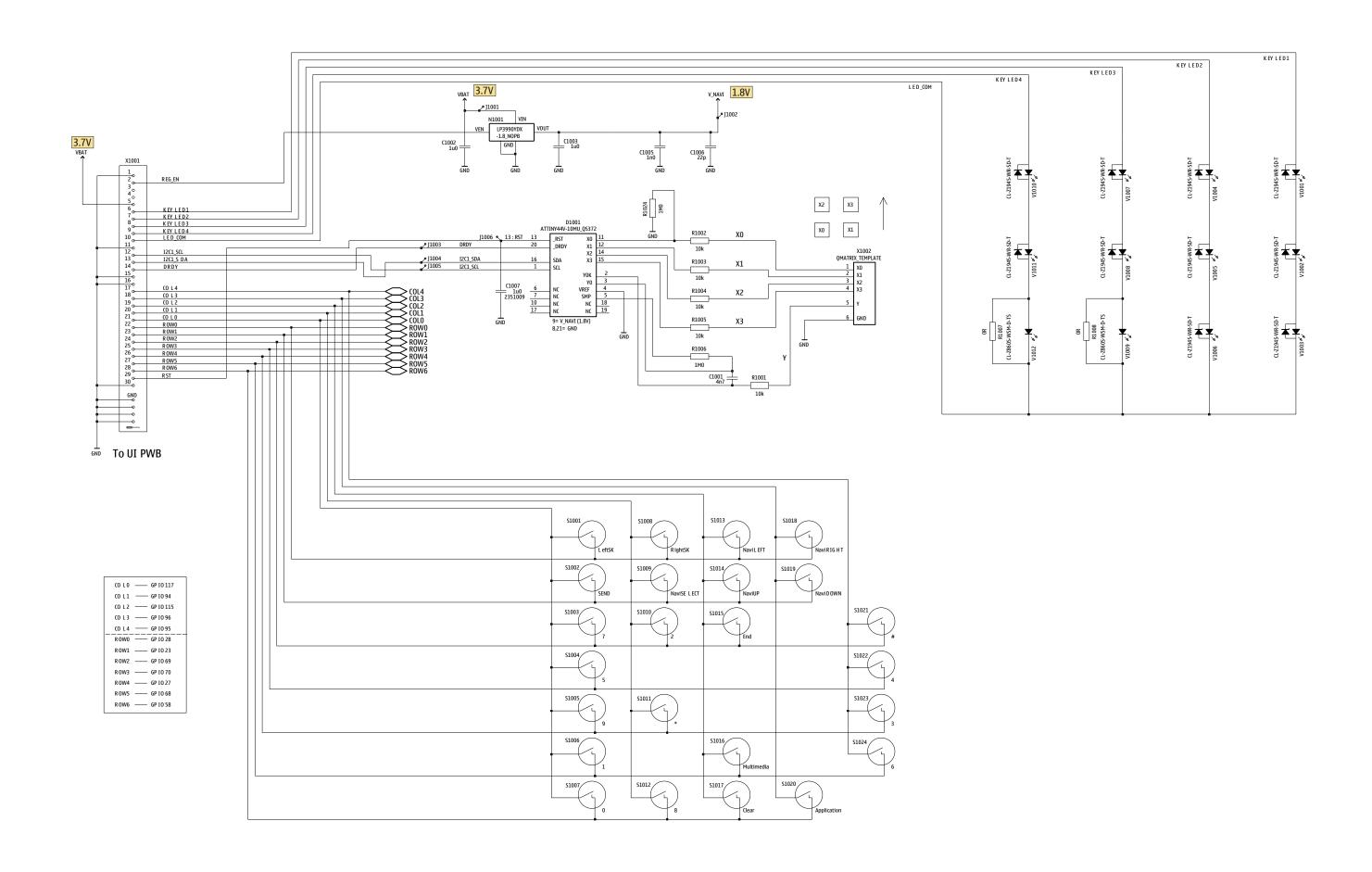


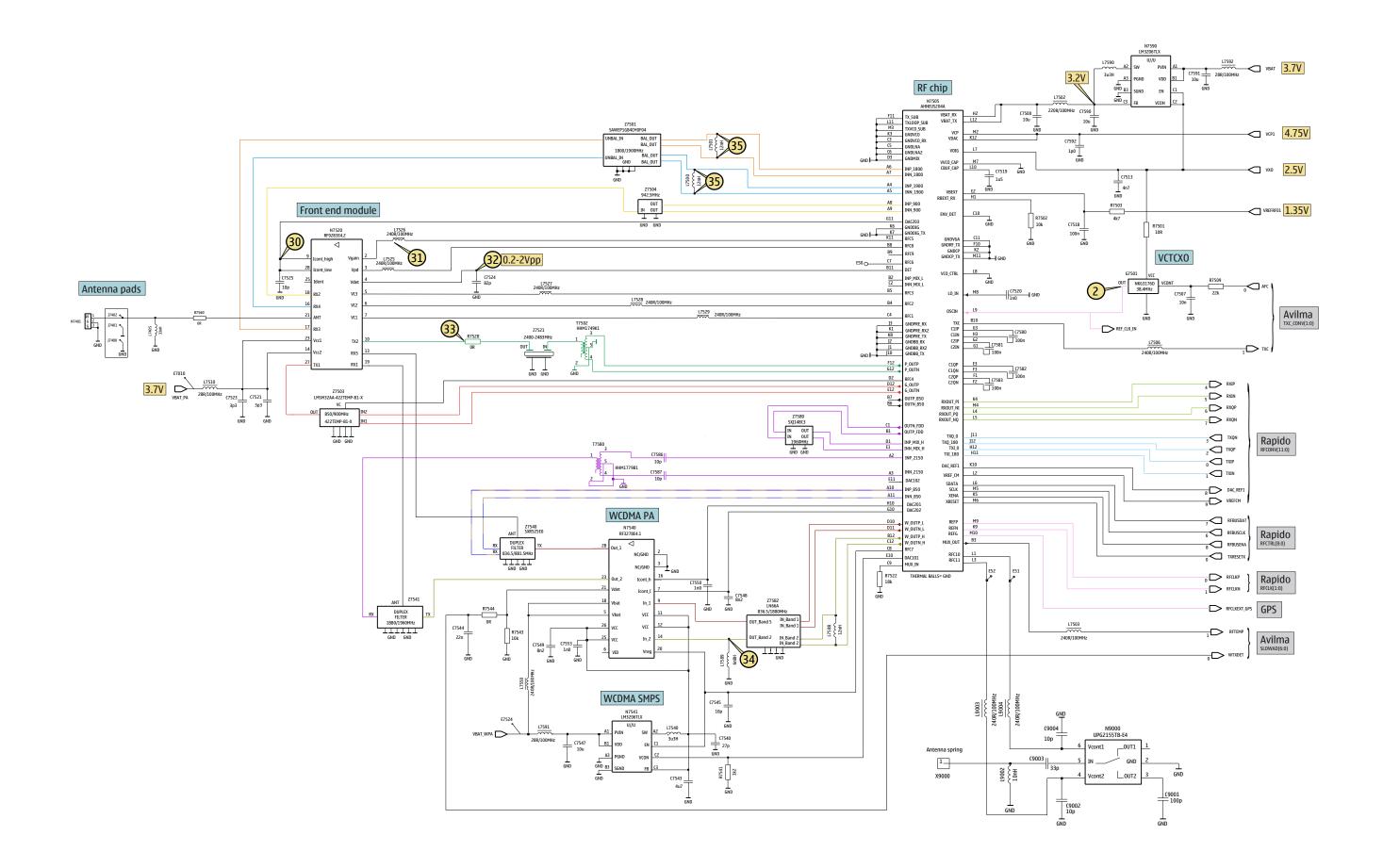


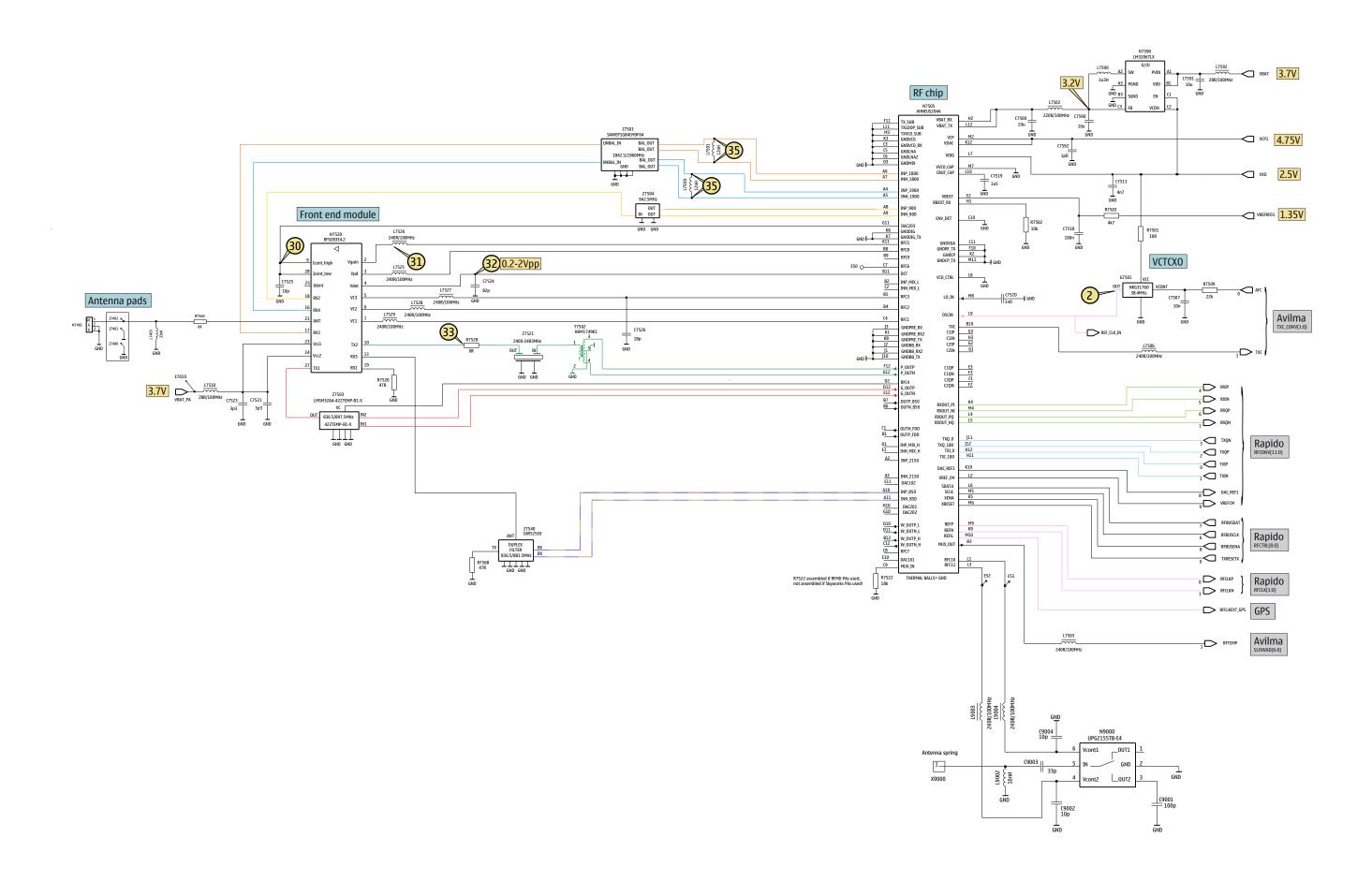












I Page 12 (15)

